# **Product Datasheet**

## CD40/TNFRSF5 Antibody (C40/1605) - Azide and BSA Free NBP2-54502-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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## NBP2-54502-100ug

CD40/TNFRSF5 Antibody (C40/1605) - Azide and BSA Free

Product Information      Unit Size    100 ug      Concentration    1 mg/ml      Storage    Store at -20 to -80C. Avoid freeze-thaw cycles.      Clonality    Monoclonal      Clone    C40/1605      Preservative    No Preservative      Isotype    IgG1 Kappa      Purity    Protein A or G purified      Buffer    10 mM PBS      Target Molecular Weight    43 ba      Product Description    Interpret of United (NBP2-53389).      Protein A cy		
Concentration1 mg/mlStorageStore at -20 to -80C. Avoid freeze-thaw cycles.ClonalityMonoclonalCloneC40/1605PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSTarget Molecular Weight43 kDaProduct Description1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.HostMouseGene ID958Gene SymbolCD40SpeciesHumanImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunofluorescence, Immunohistochemistry, Immunofluorescence, I - 2 ug/ml, IGT0F-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissues sections in 10mM Tris with TmMEDTA, p.P1 o, for 45 minutes hards tissues requires heating tissue sections	Product Information	
Storage  Store at -20 to -80C. Avoid freeze-thaw cycles.    Clonality  Monoclonal    Clone  C40/1605    Preservative  No Preservative    Isotype  IgG1 Kappa    Purity  Protein A or G purified    Buffer  10 mM PBS    Target Molecular Weight  43 kDa    Product Description  1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389).    Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.    Host  Mouse    Gene ID  958    Gene Symbol  CD40    Species  Human    Immunogen  Recombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)    Product Application Details  Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Paraffin, CyTOF-ready    Recommended Dilutions  Flow Cytometry, St. 1 ug/million cells, Immunohistochemistry, Immunohist	Unit Size	100 ug
Clonality    Monoclonal      Clone    C40/1605      Preservative    No Preservative      Isotype    IgG1 Kappa      Purity    Protein A or G purified      Buffer    10 mM PBS      Target Molecular Weight    43 kDa      Product Description	Concentration	1 mg/ml
CloneC40/1605PreservativeNo PreservativeIsotypeIgG1 KappaPurityProtein A or G purifiedBuffer10 mM PBSTarget Molecular Weight43 kDaProduct DescriptionDescription1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.HostMouseGene ID958Gene SymbolCD40SpeciesHumanImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunohistochemistry/ Parafifin, CyTOF-readyRecommended DilutionsFlow Cytometry, Immunocytochemistry/ Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Parafifi 1 - 2 ug/ml, OyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10m Tris with 1mM	Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Preservative    No Preservative      Isotype    IgG1 Kappa      Purity    Protein A or G purified      Buffer    10 mM PBS      Target Molecular Weight    43 kDa      Product Description    Image: Construct the second secon	Clonality	Monoclonal
Isotype  IgG1 Kappa    Purity  Protein A or G purified    Buffer  10 mM PBS    Target Molecular Weight  43 kDa    Product Description      Description      Molecular Weight      Antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.    Host  Mouse    Gene ID   958    Gene Symbol   CD40    Species   Human     Immunogen   Recombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)     Product Application Details   Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunochistochemistry, Immunohistochemistry, Paraffin, CyTOF-ready     Recommended Dilutions   Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunochistochemistry, Paraffin 1 - 2 ug/ml, CyTOF-ready     Application Notes   Immunohistochemistry (Formalin-fixed): 1-2 ug/ml for 30 minutes at RT. Staining  formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM  EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Clone	C40/1605
Purity    Protein A or G purified      Buffer    10 mM PBS      Target Molecular Weight    43 kDa      Product Description	Preservative	No Preservative
Buffer  10 mM PBS    Target Molecular Weight  43 kDa    Product Description	Isotype	IgG1 Kappa
Target Molecular Weight  43 kDa    Product Description	Purity	Protein A or G purified
Product Description    Description    1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389).    Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.    Host  Mouse    Gene ID  958    Gene Symbol  CD40    Species  Human    Immunogen  Recombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)    Product Application Details  Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready    Recommended Dilutions  Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-ready    Application Notes  Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Buffer	10 mM PBS
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Gene ID958Gene SymbolCD40SpeciesHumanImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunohistochemistry, Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry-Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Description	Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53389). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to
Gene SymbolCD40SpeciesHumanImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining 	Host	Mouse
SpeciesHumanImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Gene ID	958
ImmunogenRecombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)Product Application DetailsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Gene Symbol	CD40
Product Application Details    Applications  Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready    Recommended Dilutions  Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-ready    Application Notes  Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Species	Human
ApplicationsFlow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Immunogen	Recombinant full-length human CD40/TNFRSF5 protein (Uniprot: P25942)
Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-readyRecommended DilutionsFlow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Product Application Details	
Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry- Paraffin 1 - 2 ug/ml, CyTOF-readyApplication NotesImmunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Applications	
of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.	Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunohistochemistry-
	Application Notes	of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

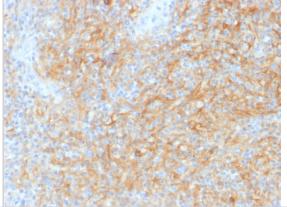


#### Images

Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (C40/1605) -Azide and BSA Free [NBP2-54502] - Formalin-fixed, paraffin-embedded human Hodgkin?s Lymphoma stained with CD40/TNFRSF5 Antibody (C40/1605). Flow Cytometry: CD40/TNFRSF5 Antibody (C40/1605) - Azide and BSA 100 Free [NBP2-54502] - Flow Cytometric Analysis of U2OS cells using CD40/TNFRSF5 Antibody (C40/1605) followed by goat anti-Mouse IgG-80 CF488 (Blue); Isotype Control (Red). Vormalized To 60 40 20 0 10<sup>1</sup> 102 103 105 104 FITC-A Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (C40/1605) -Azide and BSA Free [NBP2-54502] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD40 Monoclonal Antibody (C40/1605) Immunohistochemistry-Paraffin: CD40/TNFRSF5 Antibody (C40/1605) -Azide and BSA Free [NBP2-54502] - Formalin-fixed, paraffin-embedded human Spleen stained with CD40/TNFRSF5 Antibody (C40/1605).



Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with CD40/TNFRSF5 antibody (C40/1605).



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#### Products Related to NBP2-54502-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-51628-0.05mg	Recombinant Human CD40/TNFRSF5 His Protein

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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